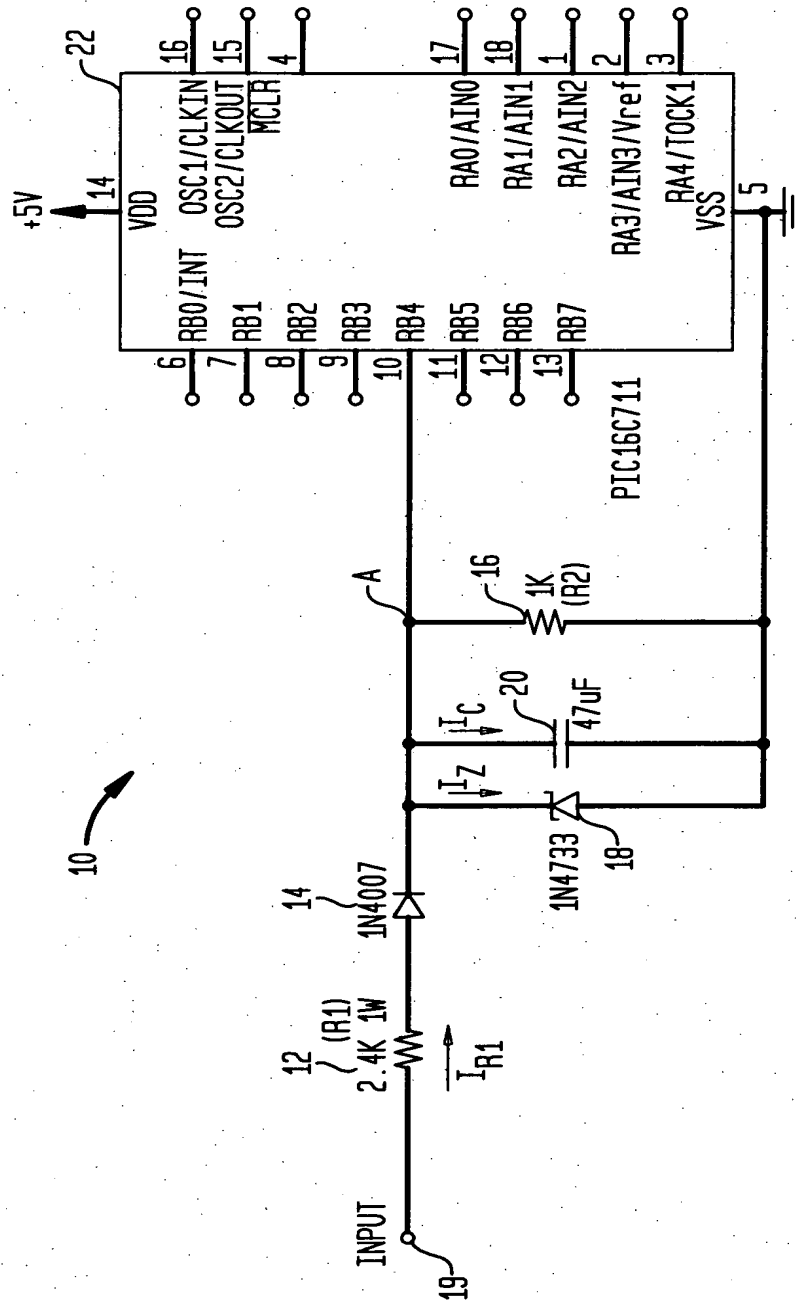




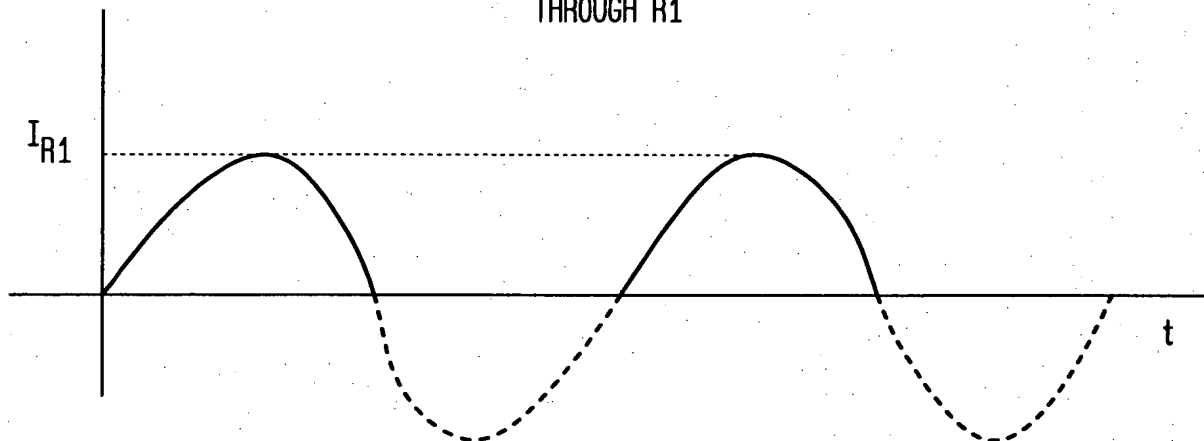
FIG. 1
(PRIOR ART)



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FIG. 2A

(PRIOR ART)

INPUT CURRENT
THROUGH R1**FIG. 2B**

(PRIOR ART)

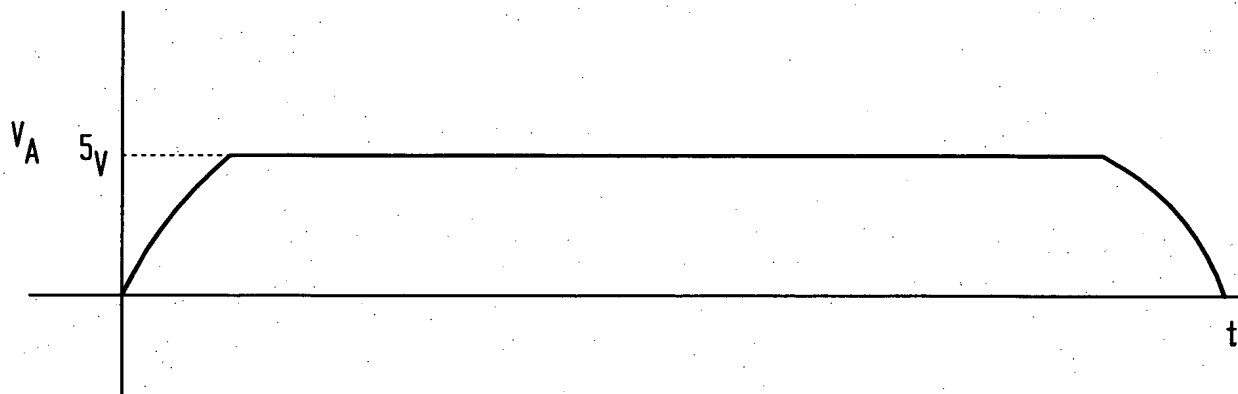
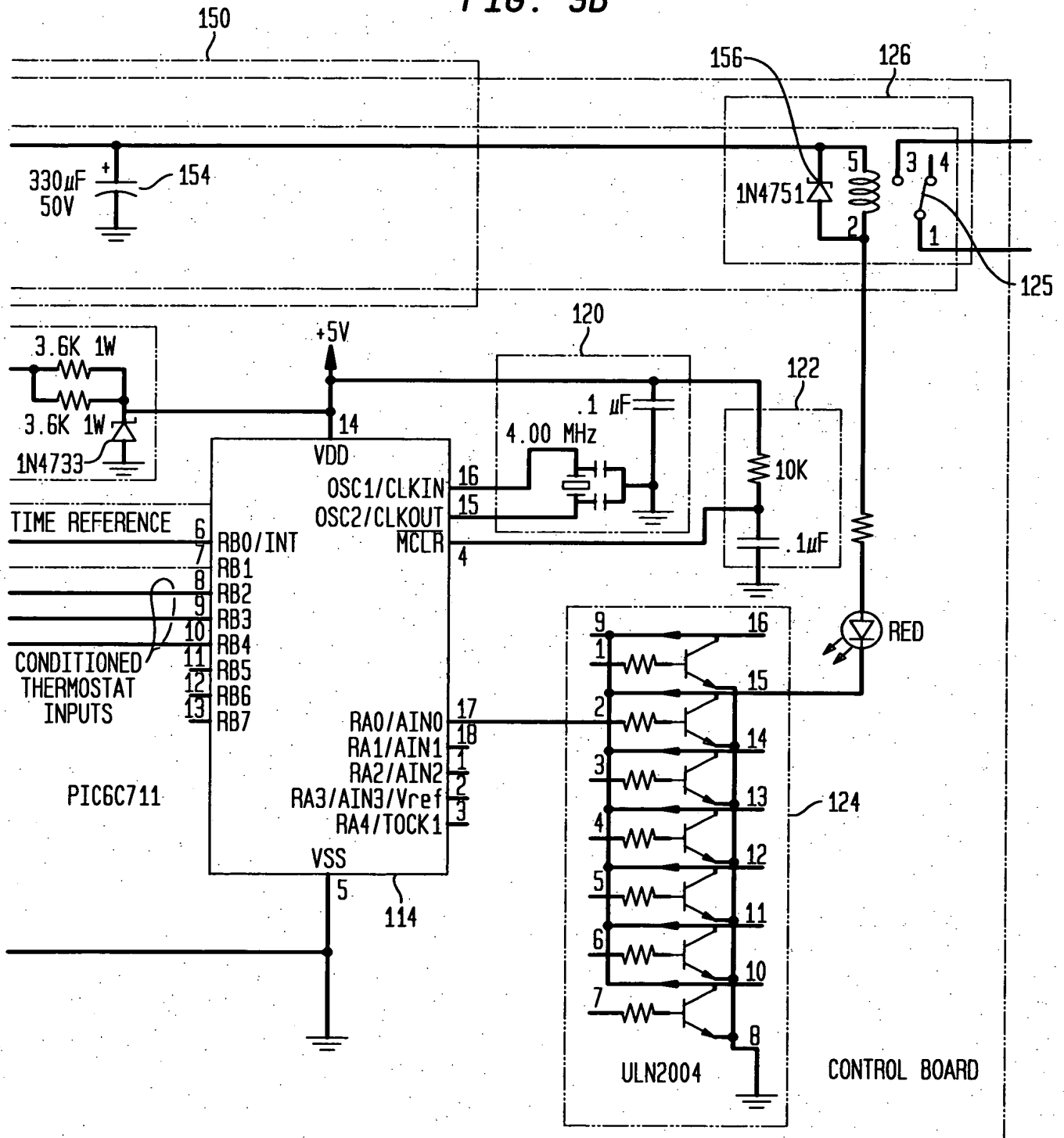
OUTPUT VOLTAGE TO
MICROCONTROLLER

FIG. 3B



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FIG. 4A

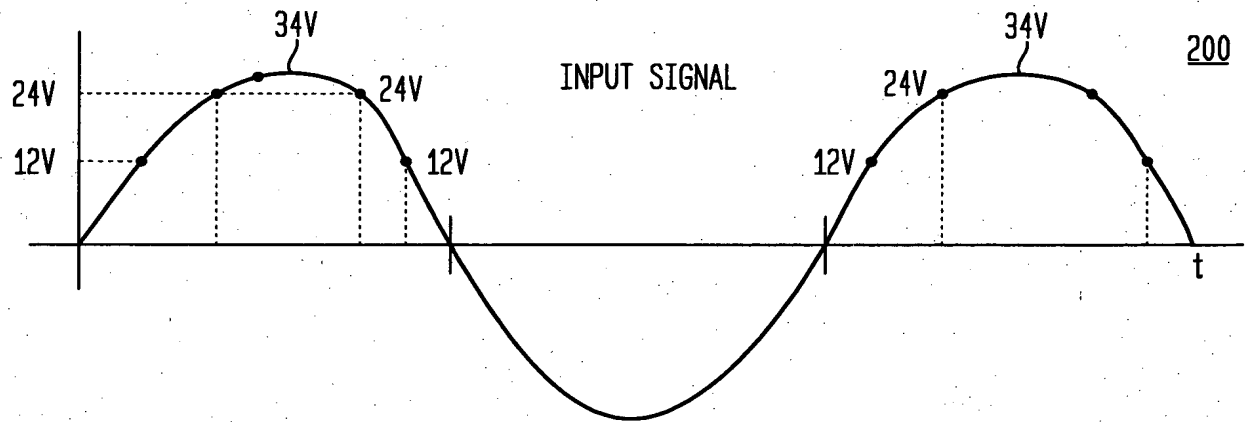


FIG. 4B



FIG. 4C

